

IN THE SPECIFICATION:

Please replace the paragraph beginning at page 7, line 7, with the following amended paragraph:

--The first transmitting node 16 includes a transmitting driver 16a and a receiving driver 16b. The transmitting driver 16a routes the data packet written in the transmitting packet routing bus 20 to the other processor of the base station system. The ~~transmitting~~ receiving driver 16b reads the data packet routed from the other processor of the base station system to the receiving packet routing bus ~~11~~ 21.--

Please replace the paragraph beginning at page 18, line 11, with the following amended paragraph:

--As shown in Figs. 8 and 5, the transmitting bus master 42 periodically searches for the presence of transmitting data packet in the ~~transmitting~~ receiving nodes 31-34 matched with the transmitting packet routing bus 40 (step S31).--

Please replace the paragraph beginning at page 19, line 5, with the following amended paragraph:

--Subsequently, the receiving bus master 43 searches for the transmitting nodes 36-39 matched with the receiving packet routing bus 41. Then, if there is a data packet, the receiving bus master 43 compares the address values of the transmitting nodes 36-39 of the second register 43a with one another and determines whether the data packet is set as a loop value in accordance with the address values of the second register 43a.--